Global Pump® Standard Trash pumps are specifically designed to effectively handle a wide range of liquids from water to sewage and sludge that can contain solids and other material.

Global Standard Trash pumps provide a dependable, highly efficient solution. The model 24GST is capable of achieving maximum flows of 16,000 gpm (3,634 m³/h) and maximum total head of 176’ (53.6 m) while handling solids up to 4.5” (114.3 mm) in diameter.

The standard 24GST is powered by a water-cooled, 6-cylinder diesel engine. Alternative drives are available, including other diesel engines or electric motor options.

### FEATURES
- Global Pump’s rugged, heavy duty pumps are engineered specifically for portable application
- Available with a diaphragm priming system
- Non-return valve uses only a single moving part to allow full flow with minimal restriction
- Standard engine control panel provides preset emergency shutdown protection and allows the addition of automatic level control
- Fully guarded coupling
- Pump casings are hydrostatically tested to 50 psig (345 kPa) above the peak casing design pressure
- Skid-mounted formats with tie downs, lifting bail, and fork pockets

### OPTIONS
- Mechanical seal with glycol (biodegradable optional) quench allows the pump to start and run dry
- Global Pump’s environmental box separates and silences air exhaust and returns liquid to the pump suction.
- Fuel cubes for extended run times and/or remote location as required
- Sound attenuated enclosure options
- Hose racks, accessory containers and other custom features available as required
- Wide range of suction and discharge fittings including Global Pump’s own “QD” Quick Disconnect fittings and accessories
**SPECIFICATIONS**

- **Connections**: 24” x 18” (600 mm x 450 mm) ANSI Flanges
- **Max Pump Speed**: 1,200 rpm
- **Max Flow**: 16,000 gpm (3,634 m³/h)
- **Max Head**: 176’ (53.6 m)
- **Max Static Priming Lift**: 28’ (8.5 m)
- **Temperature Limit**: 160° F (70° C)
- **Solids Handling Capability**: 4.5” (114.3 mm)
- **Max Casing Pressure**: 125 psig (862 kPa)
- **Fuel Cell**: 5 gallon (18.9 liter) Test Tank
- **Dry Weight**: 20,000 lbs

**PUMP MATERIAL**

- **Casing**: Cast Iron (CD4MCu is an option)
- **Impeller**: Cast Iron (CD4MCu is an option)
- **Bearing Housing**: Cast Iron
- **Bearing Lubrication**: Grease
- **Shaft/Shaft Sleeve**: Steel/FNC Treated Steel
- **Seal**: Silicon Carbide on Silicon Carbide
- **Chassis/Fuel Cell**: Steel
- **Non-Return Valve**: Nitrile Fitted Cast Iron

Specifications reflect model pictured, and are subject to revision without notice. Global Pump is not liable for any consequential, incidental or indirect damages relating to these specifications.